



December 14, 2015

Ms. Valerie Levy
Asylum Dance Club
121 Center Street
Portland, ME 04101

Re: Hazardous Materials Assessment | Asylum Dance Club | Portland, Maine

Dear Ms. Levy:

At your request, CES, Inc. (CES) completed a Hazardous Materials Assessment of the Asylum Dance Club (Asylum) building located at 121 Center Street in Portland, Maine.

This Hazardous Materials Assessment conducted on November 30, 2015, included the completion of an asbestos identification survey, Lead-Based Paint (LBP) determination, and Universal Wastes/potential hazardous materials inventory of the facility.

ASBESTOS IDENTIFICATION SURVEY

The asbestos identification survey was conducted in accordance with the Maine Department of Environmental Protection (MDEP) Chapter 425 Asbestos Management Regulations (April 3, 2011 revision) and was completed to provide you with information regarding the presence of Asbestos-Containing Materials (ACM) within the interior and on the exterior of the building. Ms. Suzanne Yerina (CES), an asbestos inspector licensed by the MDEP (AI#-0177), performed the field survey on November 30, 2015. A copy of Ms. Yerina's Asbestos Inspector certification is included in **Attachment A**. As part of the asbestos identification survey and in accordance with Chapter 425; MDEP Disclosure Form X (Asbestos Bulk Sampling Protocols) and Form Y (Asbestos Bulk Sample Analysis Protocols) were provided to you for review and signature prior to commencement of the asbestos survey. Copies of the signed disclosure forms are included in **Attachment B**.

Completion of the asbestos identification survey included:

- ♦ Visual identification of suspect ACM on the interior and exterior of the building;
- ♦ Collection of bulk samples of suspect ACM from the interior and exterior of the building in accordance with MDEP regulations; and
- ♦ Quantification of ACM identified by laboratory analysis.

As with any scientific study, an asbestos identification survey is subject to a variety of limitations. Limitations to be considered in interpreting the results of the survey performed on this building include the following:

- ◆ Variations in building materials used during construction and subsequent renovations;
- ◆ Inaccessible areas within wall cavities and above solid ceilings;
- ◆ Interior ceiling heights; and
- ◆ Condition of the building at the time of the survey.

The following is a summary of field findings and laboratory analytical results of the survey:

The Asylum building consists of a single-story masonry structure with a full basement and includes bar areas, dance floor, storage rooms, and office spaces.

Fifty (50) samples of suspect ACM were collected from the interior and exterior of the building.

Suspect ACM sampled included:

- ◆ Four types of ceiling tiles;
- ◆ Felt paper underlayment associated with kitchen floor;
- ◆ Sheetrock wallboard;
- ◆ Covebase adhesive;
- ◆ Wall adhesive;
- ◆ Four types of floor tiles and associated adhesive;
- ◆ Rubber floor adhesive;
- ◆ Asphalt built-up roofing material; and
- ◆ Two types of window caulk.

Bulk samples of suspect ACM collected during the survey were submitted to EMSL Analytical, Inc. (EMSL) of South Portland, Maine for analysis. Bulk samples collected during this survey were analyzed using the MDEP required analytical methods: “PLM-EPA 600/R-93/116” (for surfacing, thermal system insulation, and cementitious materials) and “PLM NOB-EPA 600/R-93/116” (for non-friable organically bound materials (NOBs)) (e.g., floor tile, adhesives, and roofing) with “gravimetric reduction”. Samples were analyzed at the EMSL laboratory, which is certified to perform asbestos analysis by both the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA). EMSL is a MDEP licensed Asbestos Analytical Laboratory. A copy of EMSL’s laboratory certifications is included in **Attachment C**. Laboratory analytical results and chain of custodies are included as **Attachment D**.

According to the MDEP Chapter 425 Asbestos Management Regulations, bulk samples shall be analyzed until a positive result is obtained or all samples have been analyzed. The MDEP defines ACM as “any material containing asbestos in quantities greater than or equal to one percent (%) by volume as determined by weight, visual evaluation, and/or point count analysis.”

ACM identified by laboratory analysis consisted of:

- ◆ Asphalt built-up roofing material (Sample 016A).

A summary of identified ACM, including location is presented in **Table 1**:

TABLE 1 | ASBESTOS-CONTAINING MATERIALS

Location	Sample Number	Quantity	Unit Cost	Total Cost	ACM Material
Sports Bar Roof	016A	2,610 Square Feet (SF)	\$2/SF	\$5,220	Asphalt built-up roof located beneath EPDM roof system
Estimated Total Abatement Cost:				\$5,220	

POTENTIAL HAZARDOUS MATERIALS AND UNIVERSAL WASTE

During the walk through evaluation on November 30, 2015, CES evaluated the structure for potential hazardous materials and Universal Wastes. An inventory of identified materials and associated budgetary cost estimates for removal and disposal are presented in **Table 2**:

TABLE 2 | HAZARDOUS MATERIALS INVENTORY

Identified Hazardous Materials	Quantity (Each)	Quantity Per Unit	Total Estimated Quantity	Unit Cost	Estimated Remediation Cost
Fluorescent Light Tubes - 2 foot	12	4 LF/EA	48	\$0.20	\$10
Fluorescent Light Tubes - 4 foot	74	10 LF/EA	740	\$0.20	\$148
Fluorescent Light Tubes - 10 foot	22	10 LF/EA	220	\$0.20	\$44
Suspect PCB-Containing Light Ballasts (EA)	55	5 lbs/EA	275	\$5.00	\$1,375
Emergency Light Batteries (EA)	14	5 lbs/EA	70	\$5.00	\$350
Emergency Exit Signs (EA)	20	5 lbs/EA	100	\$5.00	\$500
Sub-Total A					\$2,427
Transportation (per pickup)	1	-	-	\$1,000	\$1,000
Labor (Mandays)	2	-	-	\$500	\$1,000
Sub-Total B					\$2,000
TOTAL					\$4,427

Hazardous materials in the form of potential Universal Wastes (fluorescent light tubes, light ballasts, emergency light batteries, and emergency exit signs) were observed within the commercial structure. When removed for disposal, fluorescent light bulbs are considered a Universal Waste and must be properly handled, packaged, and disposed. Fluorescent light ballasts contain capacitors that may be filled with PCB-containing dielectric fluid; however, it is unknown whether PCB ballasts (a Universal Waste) are present in the building. The recommended best management practice is to individually remove each light fixture and individual ballasts evaluated to confirm the presence or absence of PCBs. Non-PCB light ballasts will be clearly labeled as not containing PCBs and may be disposed of as solid waste. If no such labeling is present, the ballast should be treated as PCB-containing and should be segregated and handled as Universal Waste.

LEAD-BASED PAINT DETERMINATION

A LBP determination was conducted by Ms. Deborah A. Kasik (CES), a MDEP certified Lead Risk Assessor on November 30, 2015. The purpose of the determination was to identify LBP, if present, on the interior and exterior surfaces of the structure. The LBP determination was performed in accordance with the established protocols outlined in the MDEP Lead Management Regulations, Chapter 424, Section 7, and as applicable to this project. The testing provides information on the LBP content and assessment of existing condition for the surfaces tested.

The LBP testing was conducted utilizing a portable X-Ray Fluorescence (XRF) Lead Paint Analyzer (RMD LPA-1), which non-destructively tests for the presence of LBP on building surfaces. The XRF analyzer is licensed with the Maine Department of Human Services Radiation Control Program and operated in accordance with all applicable regulations and conditions of licensure. The determination as to whether or not a component contains LBP is based upon the MDEP Lead Management Regulations (Chapter 424) which defines a component as lead-containing if the XRF result is greater than or equal to (\geq) 1.0 milligrams per square centimeter (mg/cm^2). A visual assessment of the existing condition of the identified LBP was also completed at the time of the determination. The LBP testing is non-destructive and therefore limitations exist when interpreting the results. Limited assumptions are only made based on both collected data and similarity of components.

The LBP determination report for the building is included as **Attachment E**. Specific building material types, location, and condition of building materials tested for LBP are presented in the LBP determination report and associated figures.

LBP was not identified on interior or exterior building surfaces tested by CES.

CONCLUSIONS AND RECOMMENDATIONS

This investigation revealed the following relevant information:

Asbestos-Containing Materials

ACM in the form of asphalt built-up roofing materials, located beneath the existing EPDM (ethylene propylene diene monomer) membrane, was identified on the Sports Bar roof. ACM was not identified on the interior of the Asylum building.

Regulations require that identified ACM which may be impacted by planned renovation/demolition activity be removed by a MDEP licensed asbestos abatement contractor in accordance with applicable state and federal regulations prior to disturbance by such planned activities. In accordance with 40 CFR 61, *National Emissions Standards for Hazardous Air Pollutants* (NESHAP), and 06-096 State of Maine, Department of Environmental Protection, Chapter 425, Asbestos Management Regulations (effective date: May 29, 2004), a contractor conducting any renovation and/or demolition activity that would disturb regulated ACM must: (1) notify the U.S. Environmental Protection Agency (USEPA) Administrator and the MDEP of such activities, (2) use proper removal procedures, (3) use proper engineering controls to limit emissions of asbestos fibers, and (4) utilize proper waste disposal. If any hidden suspect ACM (behind walls, in chases, above permanent ceilings, etc.) is uncovered during renovation or demolition activities, work must be stopped and the material tested for asbestos content. All ACM must be disposed of in accordance with all applicable state and federal requirements.

Additionally, notification requirements, as required by OSHA 29 CFR Parts 1910.1001 and 1926.1101, must be adhered to as part of routine communication with employees and outside contractors. Potential contractors bidding on the renovation work must first be informed of the results of this survey. Notification regarding the presence of the ACM must also be provided to employees who occupy an area containing ACM.

Hazardous Materials

Hazardous materials in the form of potential Universal Wastes (fluorescent light tubes, light ballasts, emergency signs, and emergency light batteries) were observed within the building. When removed for disposal, fluorescent light bulbs are considered a Universal Waste and must be properly handled, packaged, and disposed. Fluorescent light ballasts contain capacitors that may be filled with PCB-containing dielectric fluid; however, it is unknown whether PCB ballasts (a Universal Waste) are present in the building. The recommended best management practice is to individually remove each light fixture and individual ballasts evaluated to confirm the presence or absence of PCBs. Non-PCB light ballasts will be clearly labeled as not containing PCBs and may be disposed of as solid waste. If no such labeling is present, the ballast should be treated as PCB-containing and be segregated and handled as Universal Waste. Emergency signs and batteries should be segregated and handled as Universal Waste.

Lead-Based Paint

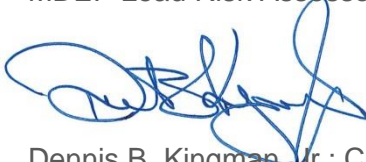
LBP was not identified on the interior and exterior surfaces of the dance club building.

This report was prepared by CES for the sole use of the Asylum Dance Club, and should not be reproduced without their full, written authorization. Please contact either of the undersigned at (207) 989-4824 if you have any questions related to this project or if additional services are required.

Sincerely,
CES, INC.



Deborah A. Kasik
MDEP Asbestos Inspector AI-0177
MDEP Lead Risk Assessor LR#0003

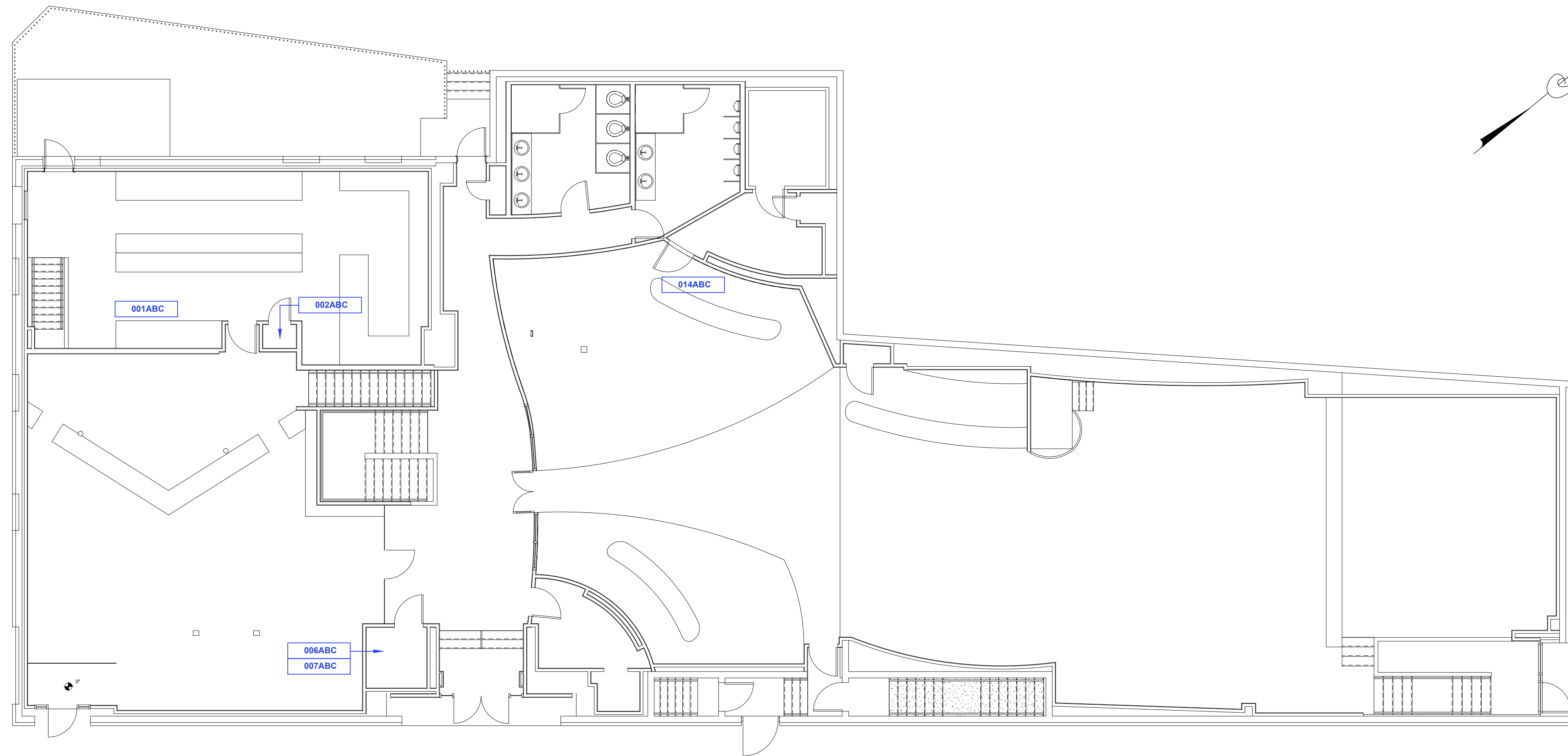


Dennis B. Kingman, Jr.; CHMM, VP
Senior Project Manager
MDEP Asbestos Inspector AI-0034

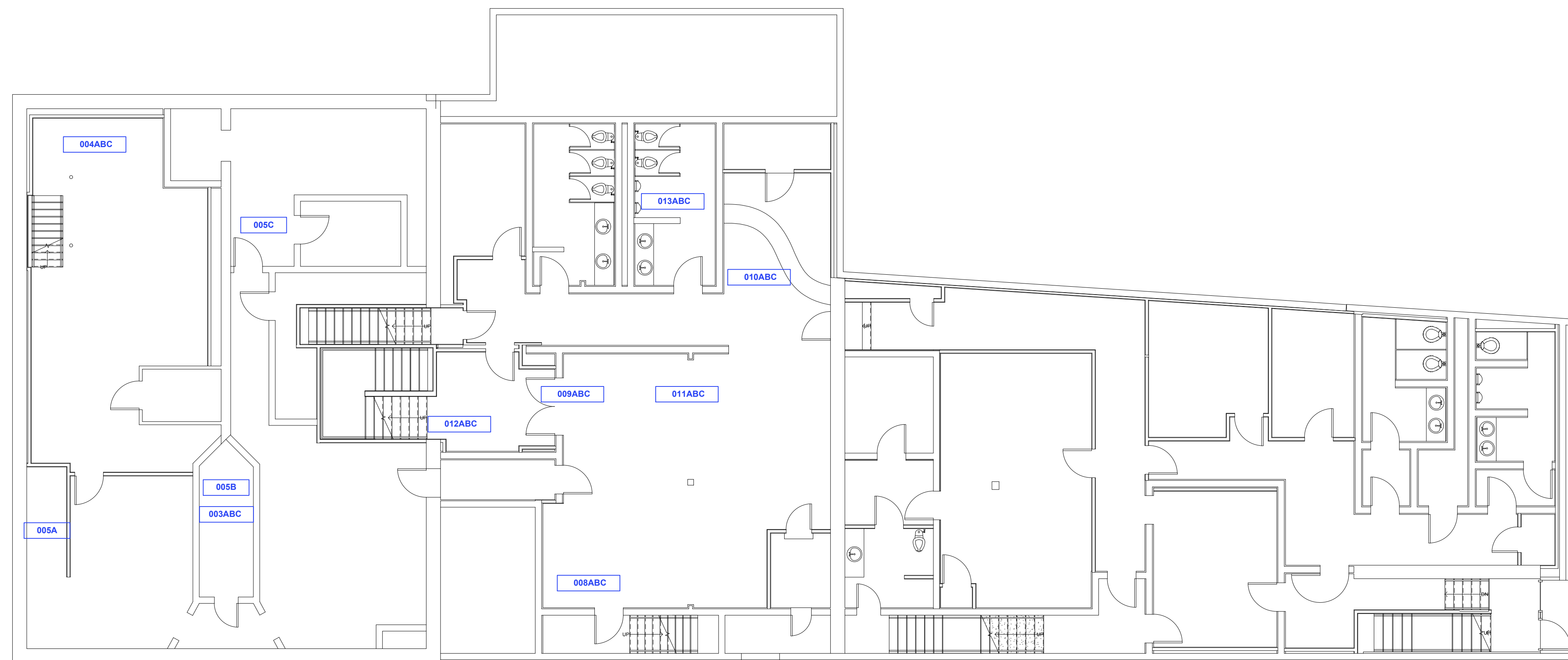
DAK/DBK/jok
Attachments

FIGURES

ATTACHMENTS



FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"



BASEMENT FLOOR PLAN
SCALE: 1/8"=1'-0"

PLAN REFERENCE:

FLOOR PLAN DERIVED FROM DRAWINGS BY OTHERS PROVIDED TO CES, INC AND ARE NOT WARRANTED AS TO ACCURACY AND ARE INTENDED TO BE SCHEMATIC.

ASBESTOS LEGEND

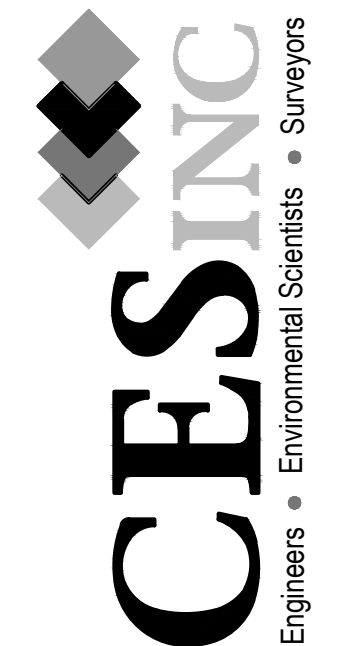
002ABC SAMPLE NUMBER AND LOCATION TESTING NEGATIVE FOR ASBESTOS

Waterville
44 Main Street
Waterville, ME
F. 207-860-2202
T. 207-860-2202

Presque Isle
560 Main Street
Presque Isle, ME
F. 207-754-8412
T. 207-754-8414

Brewer
405 Soam Main Street
Brewer, ME
F. 207-588-4824
T. 207-588-4824

Lebanon
1585 State Hwy 102
Lebanon, ME
F. 207-888-0588
T. 207-888-0588

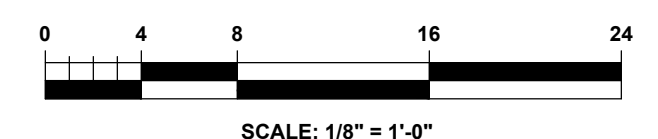


PROJECT TITLE
**ASYLUM DANCE CLUB
PORTLAND, MAINE**
SHEET TITLE

ASBESTOS IDENTIFICATION SURVEY

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY

SCALE	1/8"=1'-0"
DATE	2015-12-03
DRAWN BY	WAB
CHECKED BY	DBK
DESIGNED BY	
APPROVED BY	
JOB NUMBER	11628.001
DRAWING NUMBER	



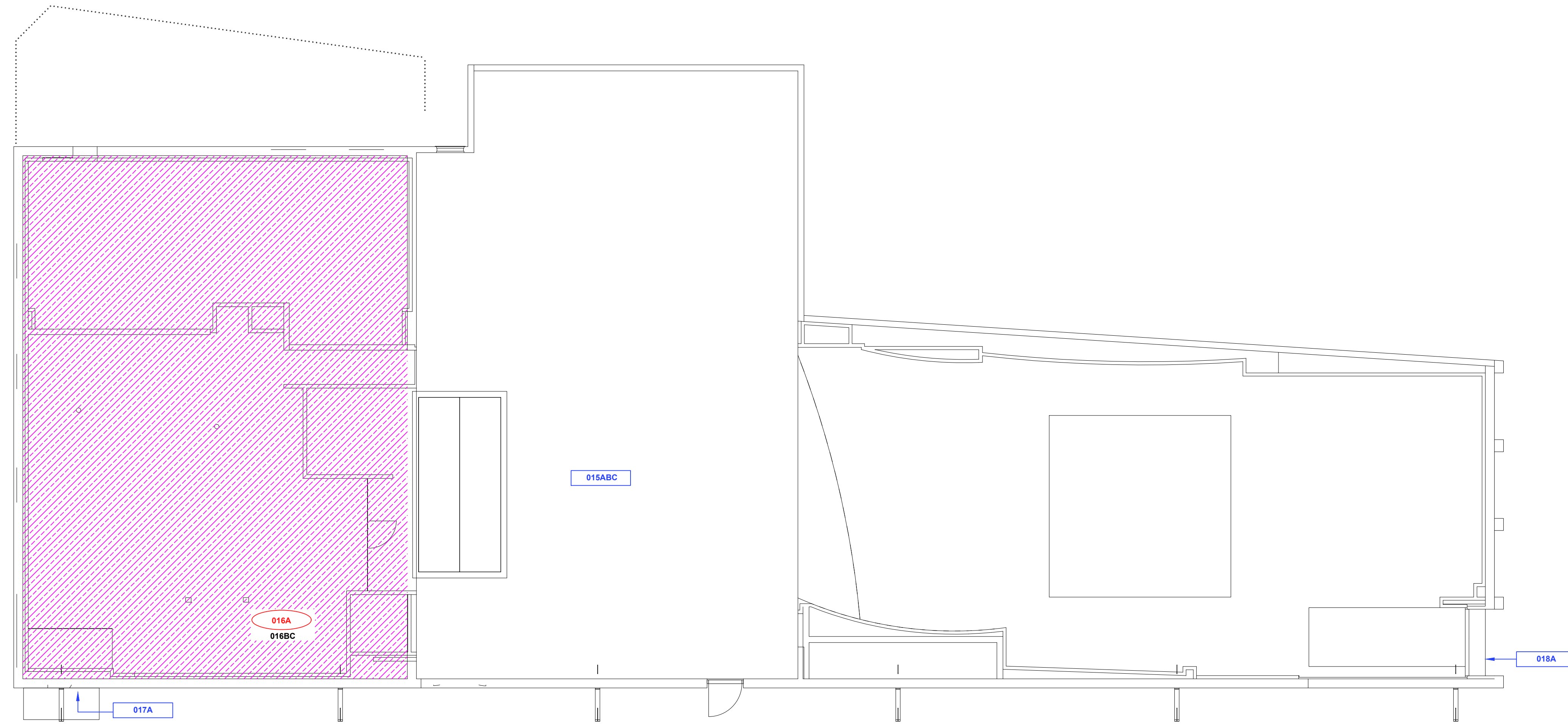
P:\11628\ASYLUM DANCE CLUB\PORTLAND\DWG\ASBESTOS\DWG\11628.001-HA.DWG, 2/14/2016 1:58:14 PM

PLAN REFERENCE:

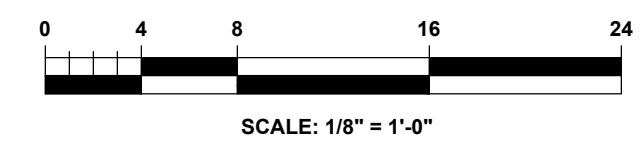
FLOOR PLAN DERIVED FROM DRAWINGS BY OTHERS PROVIDED TO CES, INC AND ARE NOT WARRANTED AS TO ACCURACY AND ARE INTENDED TO BE SCHEMATIC.

ASBESTOS LEGEND

- 001A SAMPLE NUMBER AND LOCATION TESTING POSITIVE FOR ASBESTOS
- 002A SAMPLE NUMBER AND LOCATION TESTING NEGATIVE FOR ASBESTOS
- 001B SAMPLE NUMBER AND LOCATION NOT ANALYZED (POSITIVE STOP)
- ACM ASPHALT ROOF BENEATH EPDM ROOF AND INSULATION



ROOF PLAN
SCALE: 1/8"=1'-0"



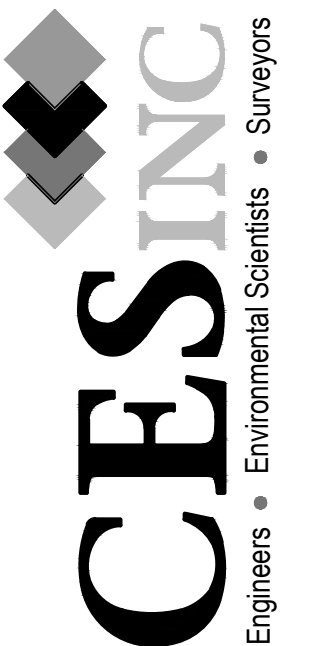
Waterville
44 Main Street
Waterville, ME
F. 207-860-2302

Presque Isle
549 Main Street
Presque Isle, ME
F. 207-794-8412

Brewer
465 Soam Main Street
Brewer, ME
F. 207-588-4824

Bar Harbor
1346 State Hwy 102
Bar Harbor, ME
F. 207-288-0588

LeWisham
840 Main Street
LeWisham, ME
F. 207-795-6129



PROJECT TITLE
**ASYLUM DANCE CLUB
PORTLAND, MAINE**

ASBESTOS IDENTIFICATION SURVEY

REV.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY

SCALE	1/8"=1'-0"
DATE	2015-12-03
DRAWN BY	WAB
CHECKED BY	DBK
DESIGNED BY	
APPROVED BY	
JOB NUMBER	11628.001
DRAWING NUMBER	

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ATTACHMENT A

ASBESTOS AND LEAD RISK ASSESSOR CERTIFICATION(S)

Environmental Management, Inc.

51 River Road
Brunswick, ME 04011
(207) 729-7549

This is to certify that:

Suzanne Yerina

has completed the requisite 4-hour refresher training, and has passed an examination for re-accreditation as an:

Asbestos Inspector

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646
And Maine State Regulations 06-096 CMR 425.5 (E)

January 20, 2015

1/20/2015	84	1/20/2016
<i>Examination Date</i>	<i>Test Score</i>	<i>Expiration Date</i>



President / Director of Training

AI-R-TP0018-15-0787
Certificate Number

State of Maine
Asbestos Abatement Program

Suzanne L. Yerina



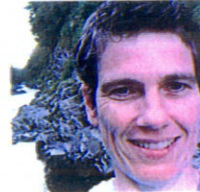
Inspector

Cert No. AI-0451

Trn.Exp.Date 01/20/2016

Expiration Date 01/31/2016

This is not a legal form of official identification



MAINE LABOR GROUP ON HEALTH

P.O. Box 5197 * Augusta, Maine 04332 * 207-622-7823


Lead Risk Assessor Refresher Course

This is to Certify that

Deborah A. Kasik

Has met the Attendance Requirements and Successfully Completed the 1-Day
8 Hour Curriculum Course Entitled Lead Risk Assessor Refresher Course

September 3, 2015



Executive Director
Maine Labor Group on Health

Registered Certificate:

2015 PB 0077

ID: 04/26/62

Exam Score: 100

ME DEP Expiration: 09/03/2016

US EPA Expiration: 09/03/2017

Course Location: Augusta, ME



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAUL R. LEPAGE
GOVERNOR

PATRICIA W. AHO
COMMISSIONER

September 8, 2015

Attn:Deborah A. Kasik
CES, Inc.
PO Box 639
Brewer, Maine 04412

Dear Ms. Kasik,

Your lead application for certification has been received and **approved**. You have been granted certification as a **Lead Risk Assessor LR-0003**. Enclosed is your wallet card, with an expiration date of **September 30, 2016**. All employees working on a lead abatement project must carry this photo ID wallet card. The card is property of the individual to whom it is issued. Your responsibility as a licensee is to ensure delivery of the card to person in your employment. This letter should be retained for your company files as record of certification. Please attach 1 updated passport size photo with every application.

Thank you for your cooperation and your completed application(s). Applications can now be found on our DEP webpage at the following:
<http://www.maine.gov/dep/rwm/lead/forms/index.htm>

If you have any questions on this certification or on any other aspect of DEP's lead abatement licensing program, please call Sandra Moody (207) 287-7751.

Sincerely,

Sandra J. Moody, Environmental Technician
Division of Remediation
Bureau of Remediation and Waste Management

Enclosure

State of Maine
Lead Abatement Program

Deborah A. Kasik

Risk Assessor

Cert No. LR-0003

Trn.Exp.Date 09/03/2016

Expiration Date 09/30/2016

This is not a legal form of official identification



AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

ATTACHMENT B

MDEP ASBESTOS BULK SAMPLING DISCLOSURE FORMS

Asbestos Bulk Sampling

Bulk samples must be collected by a Department-certified Inspector in a random manner such that they are representative of each homogenous area. Bulk samples shall be collected and analyzed for all asbestos abatement activities unless an approved disclosure is received by the owner or owner's agent from the operator prior to the start of the project.

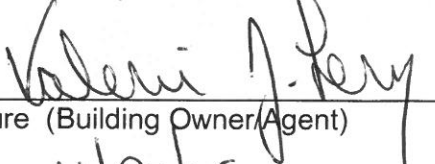
An asbestos consultant may implement an alternative sampling protocol that collects more but not less than the number of samples per homogeneous area, provided the asbestos consultant has informed the building owner or owner's agent of the standard sampling protocol set forth below prior to the sampling event. The asbestos consultant must document that the building owner or owner's agent received information regarding the standard sampling protocol set forth in this section by obtaining the building owner's or owner's agent's signature on a statement acknowledging receipt of the information before the sampling event begins.

Standard Sampling Protocol

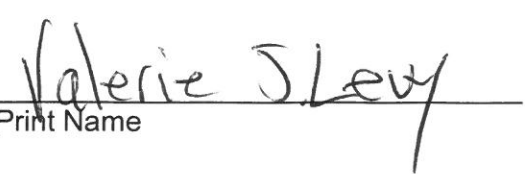
- **Surfacing Material:** 3 bulk samples from each homogenous area and/or material that is 1,000 square feet or less. 5 bulk samples from each homogenous area that is greater than 1,000 square feet but less than or equal to 5000 square feet. 7 bulk samples from each homogenous area that is greater than 5,000 square feet.
- **Thermal System Insulation:** 3 bulk samples from each homogenous area. 1 bulk sample from each homogenous area of patched thermal system insulation if the patched section is less than 6 linear or square feet. Samples sufficient to determine whether the material is ACM from each insulated mechanical system where cement is utilized on tees, elbows, or valves.
- **Miscellaneous ACM:** 3 samples from each miscellaneous material. 1 sample if the amount of miscellaneous material is less than 6 square or linear feet.

Asbestos Bulk Sampling Disclosure

I have reviewed and understand the Standard Sampling Protocol and any benefits and associated costs of an Alternative Sampling Protocol with CES, Inc., a Maine licensed Asbestos Consultant. I also understand that a copy of this completed form must be available upon request by the MDEP.



Signature (Building Owner/Agent)
Date 11/20/15



Print Name

Facility Location(where bulk sampling is to take place)

BLDG Name The Asylum Dance Club

Physical Address 121 Center Street City Portland

Floor and/or Rm.# Entire Building

Bulk Sample Analysis

Bulk samples collected must be analyzed by a Department-licensed Asbestos Analytical Laboratory. Bulk samples shall be analyzed until a positive result is obtained or all samples have been analyzed. Reanalysis is not required if the sample result is less than 1%. Wherever there is a suspect asbestos-containing material and a mastic/adhesive affixed to that material, the mastic/adhesive shall be analyzed and reported separately from the suspect asbestos-containing material.

Standard Analytical Methods

- Surfacing Materials, Thermal System Insulation and Cementitious Materials: PLM-EPA 600/R-93/116 visual estimation method (1993).
- Non-friable Organically Bound Materials (NOB): PLM NOB-EPA 600/R-93/116 with gravimetric preparation method. (including but not limited to floor tiles, asphalt shingles, caulking, glazing, mastics, coatings, sealants, adhesives and glues)

Alternative Analytical Methods

- Surfacing Materials and Thermal System Insulation: PLM EPA/600/R-93/116 (200 Point Count); PLM EPA/600/R-93/116 (400 Point Count); or PLM EPA/600/R-93/116 (1000 Point Count). May be used whenever the asbestos analytical laboratory has reported friable bulk samples with an asbestos content of less than 10% using the standard visual estimation.
- Surfacing Materials, Thermal System Insulation and Cementitious Materials: EPA 600/R-93/116 section 2.5.5.2 (TEM % by Mass). May be used whenever the asbestos analytical laboratory has determined is it not feasible or appropriate to have bulk sample(s) analyzed using the standard visual estimation.
- Non-friable Organically Bound Materials (NOB): PLM EPA/600/R-93/116 (200 Point Count); PLM EPA/600/R-93/116 (400 Point Count); or PLM EPA/600/R-93/116 (1000 Point Count). May be used whenever the asbestos analytical laboratory has reported an NOB sample with an asbestos content of less than 10% using the standard visual estimation.
- Non-friable Organically Bound Materials (NOB): TEM EPA NOB EPA/600/R-93/116b section 2.5, and TEM Chatfield method. May be used whenever the asbestos analytical laboratory has determined is it not feasible or appropriate to have bulk sample(s) analyzed using the standard visual estimation.

Important Notice

An analytical laboratory may use TEM, or other Department-approved analytical method, for bulk sample rather than the standard PLM analytical method. The Asbestos Consultant that collected the bulk samples for the building owner must document that the building owner or owner's agent received information regarding the standard analytical protocol set forth in the rule by obtaining the building owner's or owner's agent's signature on a statement acknowledging receipt of the information before the alternative analytical methods are employed.

Asbestos Bulk Sample Analysis Disclosure

Asbestos Design Consultant

I have reviewed the Standard Analytical Protocols with the building owner/agent. I have also advised the building owner or the building owner's agent that whenever the asbestos analytical laboratory has determined it is not feasible or appropriate to have bulk sample(s) of suspect asbestos-containing surfacing materials analyzed using the standard method, the building owner or the building owner's agent may then either elect to treat the suspect bulk material(s) as asbestos-containing with no further analysis required, or may consent to the use of an alternative analytical method to determine whether the suspect bulk sample(s) is asbestos-containing. I also understand that a copy of this completed form must be available upon request at the asbestos project site.



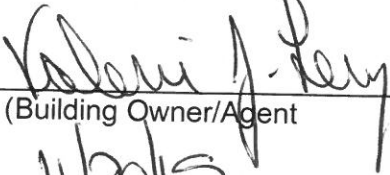
Signature (Asbestos Design Consultant)

Dennis B. Kingman, Jr. CHMM, VP
Print Name

Date November 2, 2015

Building Owner/Agent

I have reviewed the Asbestos Bulk Sample Analysis Protocols with the above Asbestos Design Consultant. I further understand that whenever the asbestos analytical laboratory has determined it is not feasible or appropriate to have bulk sample(s) of suspect asbestos-containing surfacing materials analyzed using the standard method, I may then either elect to treat the suspect bulk material(s) as asbestos-containing with no further analysis required, or may consent to the use of an alternative analytical method to determine whether the suspect bulk sample(s) is asbestos-containing.



Signature (Building Owner/Agent)

Valerie J. Lewy
Print Name

Date 11/20/15

Facility Location(where bulk samples were collected)

BLDG Name The Asylum Dance Club

Physical Address 121 Center Street City Portland

Floor and/or Rm.# Entire Building

ATTACHMENT C

ASBESTOS ANALYTICAL LABORATORY CERTIFICATIONS



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: 100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | |
|---|-----------------------------------|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires: 09/01/2016 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: 09/01/2016 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: 09/01/2016 |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input type="checkbox"/> UNIQUE SCOPES | Accreditation Expires: |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Gerald Schultz, CIH
Chairperson, Analytical Accreditation Board

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 14: 03/26/2014

Date Issued: 10/31/2014



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: **100194**

Issue Date: 10/31/2014

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 01/18/1995

Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Paint	EPA SW-846 3050B	
	EPA SW-846 7000B	
Soil	EPA SW-846 3050B	
	EPA SW-846 7000B	
Settled Dust by Wipe	EPA SW-846 3050B	
	EPA SW-846 7000B	
Airborne Dust	NIOSH 7082	

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: **100194**
Issue Date: 07/31/2012

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/ FID	NIOSH 1003	
			NIOSH 1005	
			NIOSH 1400	
			NIOSH 1500	
			NIOSH 1550	
			NIOSH 1603	
		GC/ECD	NIOSH 5502	
			NIOSH 5503	
			NIOSH 5510	
			OSHA 1010	
	GC/NPD	NIOSH 2551		
	GC/MS		EPA TO-15	
	Gas Chromatography (Diffusive Samplers)		NIOSH 1501	
	Ion Chromatography (IC)		NIOSH 6004	
			NIOSH 6011	
			NIOSH 7903	
			OSHA ID-214	
OSHA ID-215				
Liquid Chromatography		HPLC/FL	NIOSH 5506	
		HPLC/UV	NIOSH 2016	



IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte (for internal methods only)	
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009		
			OSHA ID-145	SOP LM-015	
			OSHA ID-145	SOP LM-013	
		FAA	NIOSH 7082		
			GFAA	NIOSH 7105	
	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300 Modified		
		ICP/AES	NIOSH 7300		
	X-ray Diffraction (XRD)		NIOSH 7500		
		OSHA ID-142			
UV/VIS (Colorimetric)		NIOSH 6010			
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		EPA 600/R-93/116		
	Phase Contrast Microscopy (PCM)		NIOSH 7400		
	Transmission Electron Microscopy (TEM)		EPA AHERA - 40 CFR Part 763		
		NIOSH 7402			
Miscellaneous Core	Gravimetric		NIOSH 0500		
			NIOSH 0600		
			NIOSH 5524		
	Thermo-optical Analysis (TOA)		NIOSH 5040		

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- | | |
|--|--|
| <ul style="list-style-type: none"> ✓ AIHA-PAT Programs, LLC IHPAT Metals ✓ AIHA-PAT Programs, LLC IHPAT Organic Solvents ✓ AIHA-PAT Programs, LLC IHPAT Silica ✓ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (3M) ☐ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (SKC) ☐ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (AT) ✓ AIHA-PAT Programs, LLC IHPAT Asbestos ☐ AIHA-PAT Programs, LLC Bulk Asbestos (BAPAT) ☐ AIHA-PAT Programs, LLC Beryllium (BePAT) ✓ HSE Workplace Analytical Scheme for Proficiency (WASP) (Formaldehyde) ☐ HSE Workplace Analytical Scheme for Proficiency (WASP) (Thermal Desorption Tubes) | <ul style="list-style-type: none"> ☐ Pharmaceutical Round Robin ☐ Compressed/Breathing Air Round Robin ✓ National Voluntary Laboratory Accreditation Program (NVLAP - determined at the time of site assessment) ☐ New York State Department of Health (NYS DOH – PCM and TEM) ✓ ERA Air and Emissions standards for indoor air quality ☐ Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, formerly BGIA) ☐ Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST) |
|--|--|

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 500094-0

EMSL Analytical, Inc.
South Portland, ME

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

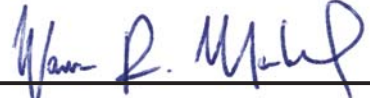
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2015-10-01 through 2016-09-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
161 John Roberts Road
South Portland, ME 04106
Mr. Alex Maxinoski
Phone: 207-517-6921 Fax: 207-517-6922
Email: amaxinoski@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 500094-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in blue ink, appearing to read "James P. Murphy".

For the National Voluntary Laboratory Accreditation Program



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAUL R. LEPAGE
GOVERNOR

AVERY T. DAY
Acting COMMISSIONER

October 28, 2015

Attn: Bonnie Soules, QA Administrator
EMSL Analytical, Inc.
24 West Steuben St., Ste. 102
Bath, NY 14810

Dear Ms. Soules,

This is to confirm that the Maine Department of Environmental Protection is in receipt of your request to add the following labs to your licensing of Analytical Laboratories: Buffalo, New York; New York, New York; Carle Place, New York; Wallingford, CT; Piscataway, New Jersey, Woburn, MA. Salem, NH and **South Portland, Maine**.

LA-0038 for Asbestos Analytical Laboratory (Air), expires on 10/31/2016
LB-0039 for Asbestos Analytical Laboratory (Bulk), expires on 10/31/2016

Remember each laboratory must have certified individual(s) within the lab to perform analyses.

If you need any further assistance please feel free to contact me at (207) 287-7751 or e-mail at sandy.j.moody@maine.gov.

Sincerely,

Sandra J. Moody, Environmental Technician
Division of Remediation
Bureau of Remediation and Waste Management

EMPLOYEE (INDIVIDUAL) STATE CERTIFICATIONS

November 9, 2015

<i>Employee Name</i>	<i>Lab Location</i>	<i>State Certified</i>	<i>Certification No.</i>	<i>Type of Cert.</i>	<i>Exp. Date</i>
Desiree Lunt	Portland	Maine	BA0166	Bulk Asbestos Analyst	02/28/2016

EMPLOYEE (INDIVIDUAL) STATE CERTIFICATIONS

State of Maine

March 12, 2015

<i>Employee Name</i>	<i>Lab Location</i>	<i>State Certified</i>	<i>Certification No.</i>	<i>Type of Cert.</i>	<i>Exp. Date</i>
Alex Maxinoski	Portland	Maine	BA-0150	Bulk Asbestos Analyst	12/31/2015
Leslie McCluskey-Eissing	Portland	Maine	AA-0449	Air Asbestos Analyst	06/30/2015
Leslie McCluskey-Eissing	Portland	Maine	BA-0123	Bulk Asbestos Analyst	06/30/2015
Joshua Snyder	Portland	Maine	BA-0155	Bulk Asbestos Analyst	08/31/2015
Christina Walker	Portland	Maine	AA-0439	Air Asbestos Analyst	07/31/2015
Christina Walker	Portland	Maine	BA-0142	Bulk Asbestos Analyst	07/31/2015

ATTACHMENT D

ASBESTOS LABORATORY ANALYTICAL RESULTS



EMSL Analytical, Inc.

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<http://www.EMSL.com> / portlandlab@emsl.com

EMSL Order ID: 621502018
Customer ID: CESI62
Customer PO:
Project ID:

Attn: Deb Kasik
CES/Summit Environmental Consultants
465 South Main Street
Brewer, ME 04412
Phone: (207) 989-4824
Fax: (207) 989-4881
Collected: 11/30/2015
Received: 11/30/2015
Analyzed: 12/04/2015
Proj: 11628.001-01

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: 001A **Lab Sample ID:** 621502018-0001

Sample Description: KITCHEN/2 X 2 C.T. PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	90%	10%	None Detected	

Client Sample ID: 001B **Lab Sample ID:** 621502018-0002

Sample Description: KITCHEN/2 X 2 C.T. PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	90%	10%	None Detected	

Client Sample ID: 001C **Lab Sample ID:** 621502018-0003

Sample Description: KITCHEN/2 X 2 C.T. PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	90%	10%	None Detected	

Client Sample ID: 002A **Lab Sample ID:** 621502018-0004

Sample Description: KITCHEN/2 X 4 C.T. SMOOTH

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	16%	84%	None Detected	

Client Sample ID: 002B **Lab Sample ID:** 621502018-0005

Sample Description: KITCHEN/2 X 4 C.T. SMOOTH

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	18%	82%	None Detected	

Client Sample ID: 002C **Lab Sample ID:** 621502018-0006

Sample Description: KITCHEN/2 X 4 C.T. SMOOTH

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	16%	84%	None Detected	

Client Sample ID: 003A **Lab Sample ID:** 621502018-0007

Sample Description: KITCHEN/BLACK C.T.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/Black	90%	10%	None Detected	



EMSL Analytical, Inc.

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EMSL Order ID: 621502018
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: 003B **Lab Sample ID:** 621502018-0008
Sample Description: KITCHEN/BLACK C.T.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/Black	90%	10%	None Detected	

Client Sample ID: 003C **Lab Sample ID:** 621502018-0009
Sample Description: KITCHEN/BLACK C.T.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/Black	90%	10%	None Detected	

Client Sample ID: 004A **Lab Sample ID:** 621502018-0010
Sample Description: BASEMENT CEILING/TAR PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 004B **Lab Sample ID:** 621502018-0011
Sample Description: BASEMENT CEILING/TAR PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 004C **Lab Sample ID:** 621502018-0012
Sample Description: BASEMENT CEILING/TAR PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 005A **Lab Sample ID:** 621502018-0013
Sample Description: BASEMENT WALL/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	White	8%	92%	None Detected	

Client Sample ID: 005B **Lab Sample ID:** 621502018-0014
Sample Description: BASEMENT WALL/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	White	10%	90%	None Detected	

Client Sample ID: 005C **Lab Sample ID:** 621502018-0015
Sample Description: BASEMENT WALL/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	White	10%	90%	None Detected	



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EMSL Order ID: 621502018
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: 006A **Lab Sample ID:** 621502018-0016
Sample Description: FRONT CLOSET/12 X 12 FT TAN

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Tan	0.0%	100%	None Detected	

Client Sample ID: 006B **Lab Sample ID:** 621502018-0017
Sample Description: FRONT CLOSET/12 X 12 FT TAN

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Tan	0.0%	100%	None Detected	

Client Sample ID: 006C **Lab Sample ID:** 621502018-0018
Sample Description: FRONT CLOSET/12 X 12 FT TAN

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Tan	0.0%	100%	None Detected	

Client Sample ID: 007A **Lab Sample ID:** 621502018-0019
Sample Description: FRONT CLOSET/MASTIC 006A

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Yellow	0.0%	100%	None Detected	

Client Sample ID: 007B **Lab Sample ID:** 621502018-0020
Sample Description: FRONT CLOSET/MASTIC 006B

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Yellow	0.0%	100%	None Detected	

Client Sample ID: 007C **Lab Sample ID:** 621502018-0021
Sample Description: FRONT CLOSET/MASTIC 006C

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Yellow	0.0%	100%	None Detected	

Client Sample ID: 008A **Lab Sample ID:** 621502018-0022
Sample Description: BASEMENT/COVEBASE MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 008B **Lab Sample ID:** 621502018-0023
Sample Description: BASEMENT/COVEBASE MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	



EMSL Analytical, Inc.

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EMSL Order ID: 621502018
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: 008C **Lab Sample ID:** 621502018-0024
Sample Description: BASEMENT/COVEBASE MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 009A **Lab Sample ID:** 621502018-0025
Sample Description: BASEMENT/WHITE 12 X 12

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	White	0.0%	100%	None Detected	

Client Sample ID: 009B **Lab Sample ID:** 621502018-0026
Sample Description: BASEMENT/WHITE 12 X 12

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	White	0.0%	100%	None Detected	

Client Sample ID: 009C **Lab Sample ID:** 621502018-0027
Sample Description: BASEMENT/WHITE 12 X 12

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	White	0.0%	100%	None Detected	

Client Sample ID: 010A **Lab Sample ID:** 621502018-0028
Sample Description: BASEMENT/RED 12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Red	0.0%	100%	None Detected	

Client Sample ID: 010B **Lab Sample ID:** 621502018-0029
Sample Description: BASEMENT/RED 12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Red	0.0%	100%	None Detected	

Client Sample ID: 010C **Lab Sample ID:** 621502018-0030
Sample Description: BASEMENT/RED 12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Red	0.0%	100%	None Detected	

Client Sample ID: 011A **Lab Sample ID:** 621502018-0031
Sample Description: BASEMENT/BLACK 12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	



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EMSL Order ID: 621502018
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: 011B **Lab Sample ID:** 621502018-0032
Sample Description: BASEMENT/BLACK 12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 011C **Lab Sample ID:** 621502018-0033
Sample Description: BASEMENT/BLACK 12 X 12 FT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 012A **Lab Sample ID:** 621502018-0034
Sample Description: BASEMENT/2 X 4 CT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	90%	10%	None Detected	

Client Sample ID: 012B **Lab Sample ID:** 621502018-0035
Sample Description: BASEMENT/2 X 4 CT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	90%	10%	None Detected	

Client Sample ID: 012C **Lab Sample ID:** 621502018-0036
Sample Description: BASEMENT/2 X 4 CT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/04/2015	Gray/White	95%	5%	None Detected	

Client Sample ID: 013A **Lab Sample ID:** 621502018-0037
Sample Description: BASMENT BATHROOM/WALL MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Yellow	0.0%	100%	None Detected	

Client Sample ID: 013B **Lab Sample ID:** 621502018-0038
Sample Description: BASMENT BATHROOM/WALL MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Yellow	0.0%	100%	None Detected	

Client Sample ID: 013C **Lab Sample ID:** 621502018-0039
Sample Description: BASMENT BATHROOM/WALL MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Yellow	0.0%	100%	None Detected	



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EMSL Order ID: 621502018
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: 014A **Lab Sample ID:** 621502018-0040
Sample Description: UPSTAIRS NIGHT CLUBARE/RUBBER FLOOR MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 014B **Lab Sample ID:** 621502018-0041
Sample Description: UPSTAIRS NIGHT CLUBARE/RUBBER FLOOR MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 014C **Lab Sample ID:** 621502018-0042
Sample Description: UPSTAIRS NIGHT CLUBARE/RUBBER FLOOR MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 015A **Lab Sample ID:** 621502018-0043
Sample Description: MIDDLE ROOF/ROOFING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	3.7%	96.3%	None Detected	

Client Sample ID: 015B **Lab Sample ID:** 621502018-0044
Sample Description: MIDDLE ROOF/ROOFING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	100%	None Detected	

Client Sample ID: 015C **Lab Sample ID:** 621502018-0045
Sample Description: MIDDLE ROOF/ROOFING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	3.9%	96.1%	None Detected	

Client Sample ID: 016A **Lab Sample ID:** 621502018-0046
Sample Description: SPORTS BAR ROOF/ROOFING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Black	0.0%	90.4%	9.6% Chrysotile	

Client Sample ID: 016B **Lab Sample ID:** 621502018-0047
Sample Description: SPORTS BAR ROOF/ROOFING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015					Positive Stop (Not Analyzed)



EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
<http://www.EMSL.com> / portlandlab@emsl.com

EMSL Order ID: 621502018
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: 016C **Lab Sample ID:** 621502018-0048
Sample Description: SPORTS BAR ROOF/ROOFING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015					Positive Stop (Not Analyzed)

Client Sample ID: 017A **Lab Sample ID:** 621502018-0049
Sample Description: SPORTS BAR DOOR (CENTER)/GRAY CAULK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Gray	0.0%	100%	None Detected	

Client Sample ID: 018A **Lab Sample ID:** 621502018-0050
Sample Description: NIGHT CLUB DOOR (FREE ST.)/BROWN CAULK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/04/2015	Brown	0.0%	100%	None Detected	

PLM: ME CERT # BA - 0166 (DL)
PLM EPA NOB: ME CERT # BA - 0166 (DL)

Analyst(s):
Desiree Lunt PLM (15)
PLM Grav. Reduction (33)

Reviewed and approved by:

Alexander Maxinoski, Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs

Samples analyzed by EMSL Analytical, Inc. South Portland, ME

Initial report from: 12/04/2015 16:38:11



Asbestos Bulk Building Material Chain of Custody

South Portland, ME 04106

PHONE: (207) 517-6921

FAX: (207) 517-6922

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Order Number (Lab Use Only):

621502018

Company: CES, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 465 S. Main Street PO Box 639		<i>Third Party Billing requires written authorization from third party</i>	
City: Brewer	State/Province: ME	Zip/Postal Code: 04412	Country: United States
Report To (Name): Deb Kasik		Telephone #: 207-989-4824	
Email Address: DKASIK@CES-MAINE.COM		Fax #: 207-989-4881	Purchase Order:
Project Name/Number: 11628.001-01		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: ME		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

<p>PLM - Bulk (reporting limit)</p> <p><input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)</p> <p><input checked="" type="checkbox"/> PLM EPA NOB (<1%)</p> <p>Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)</p> <p>Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)</p> <p><input type="checkbox"/> NIOSH 9002 (<1%)</p> <p><input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)</p> <p><input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)</p> <p><input type="checkbox"/> OSHA ID-191 Modified</p> <p><input type="checkbox"/> Standard Addition Method</p>	<p>TEM - Bulk</p> <p><input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1</p> <p><input type="checkbox"/> NY ELAP Method 198.4 (TEM)</p> <p><input type="checkbox"/> Chatfield Protocol (semi-quantitative)</p> <p><input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2</p> <p><input type="checkbox"/> TEM Qualitative via Filtration Prep Technique</p> <p><input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique</p> <p style="text-align: center;">Other</p> <p><input type="checkbox"/></p>
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Check For Positive Stop - Clearly Identify Homogenous Group **Date Sampled:** 11/30/15

Samplers Name: SY & DK **Samplers Signature:** *SY / DK*

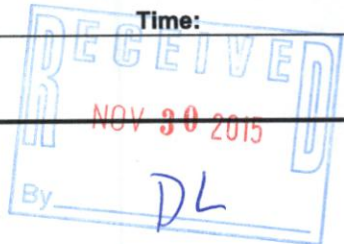
Sample #	HA #	Sample Location	Material Description
001A		Kitchen	2x2 CT Pinkhole
001B		"	"
001C		"	"
002A		Kitchen	2x4 CT Smooth
002B		"	"
002C		"	"
003A			black CT
003B			"
003C			"
004A		basement ceiling	tarpaper

Client Sample # (s): _____ **Total # of Samples:** _____

Relinquished (Client): *Deborah Kasik* **Date:** 11/30/15 **Time:** 12:15

Received (Lab): _____ **Date:** _____ **Time:** _____

Comments/Special Instructions:
NOB PER ME DEP





EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

621502018

161 John Roberts Road

South Portland, ME 04106

PHONE: (207) 517-6921

FAX: (207) 517-6922

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
004B		Basement ceiling	tar paper
004C		"	"
005A		basement wall	Sheetrock
005B		"	"
005C		"	"
006A		Front Closet	12 X12 FT tan
006B		"	"
006C		"	"
007A		"	mastic 006A
007B		"	" 006B
007C		"	" 006C
008A		basement	concrete mastic
008B		"	"
008C		"	"
009A		basement	white 12 X12
009B		"	"
009C		"	"
010A		basement	red 12 X12 FT
010B		"	"
010C		"	"
011A		"	black 12 X12 ft
011B		"	"
011C		"	"

***Comments/Special Instructions:**
NOB PER ME DEP





EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

621502018

161 John Roberts Road

South Portland, ME 04106

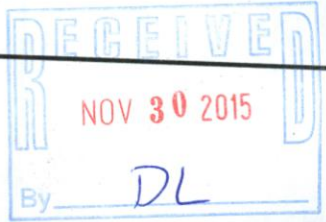
PHONE: (207) 517-6921

FAX: (207) 517-6922

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
012A		basement	2x4 CT
012B		"	"
012c		"	"
013A		basement bathroom	wall waste
013B		"	"
013c		"	"
014A		upstairs nightclub	rubber floor mastic
014B		"	"
014C		"	"
015A		middle roof	roofing
015B		"	"
015C		"	"
016A		sports bar roof	roofing
016B		"	"
016c		"	"
017A		sports bar door (center)	gray caulk
017B			
017c			
018A		Nightclub door (free st)	brown caulk
018B			
018c			


*Comments/Special Instructions:
NOB PER ME DEP



ATTACHMENT E

LEAD-BASED PAINT DETERMINATION REPORT

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS


 <p>CES INC Engineers • Environmental Scientists • Surveyors</p>	CLIENT: SITE: BLDG:	Asylum Dance Club 121 Center Street, Portland, Maine ASYLUM DANCE CLUB - BASEMENT	DATE: CES, INC #: Page:	11/30/2015 11628.001-01 1 OF 3
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XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm² **Inspector Signature:** *Deborah A. Kasik/LR#0003*

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm ²	CONDITION	NOTES:
L-1	CALIBRATION		NIST STANDARD		WOOD	1.1		START TIME: 8:20 AM
L-2	CALIBRATION		NIST STANDARD		WOOD	1.1		
L-3	CALIBRATION		NIST STANDARD		WOOD	1.0		
L-4	CALIBRATION		NIST STANDARD		WOOD	0.0		
L-5	CALIBRATION		NIST STANDARD		WOOD	0.0		
L-6	CALIBRATION		NIST STANDARD		WOOD	0.0		
L-7	BASEMENT - BENEATH KITCHEN		WALLS	GLAZING	CERAMIC TILE	0.4/0.0		
L-8			WALLS	WHITE	DRYWALL	0.0		
L-9			LALLY COLUMN	WHITE	METAL	0.0		
L-10			CEILING JOISTS	WHITE	WOOD	0.0/0.0		
L-11			FLOOR	GRAY	CONCRETE	0.0		
L-12			WALLS	WHITE	BRICK	0.0/0.0		LOCATED BEHIND TILE WALLS
L-13			STAIR STRINGER	GRAY	METAL	0.0/0.0		
L-14	BASEMENT - HALLWAY TO STORAGE/FURNACE		WALLS	WHITE	BRICK	0.0		
L-15			WALLS	WHITE	STONE	0.0		
L-16			SUPPORT BEAM	WHITE	METAL	0.0/0.0		
L-17			FLOOR	GRAY	CONCRETE	0.0/0.0		
L-18	BASEMENT - HALLWAY TO BAR AREA		CEILING	BLACK	CONCRETE	0.0		
L-19			WALLS	BLACK	CONCRETE	0.0/0.0		
L-20			WALLS	WHITE	CONCRETE	0.0/0.0		

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS


 <p>CES INC Engineers • Environmental Scientists • Surveyors</p>	CLIENT: SITE: BLDG:	Asylum Dance Club 121 Center Street, Portland, Maine ASYLUM DANCE CLUB - BASEMENT	DATE: CES, INC #: Page:	11/30/2015 11628.001-01 2 OF 3
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XRF # RMD LPA-1 #3305; ME Rad Lic #31223
 CALIBRATION: 1.0 / 1.0 mg/cm²
 Inspector Signature: *Deborah A. Kasik/LR#0003*

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm ²	CONDITION	NOTES:
L-21	BASEMENT - DANCE & BAR AREA		CEILING	GRAY	DRYWALL	0.0		
L-22			WALLS	GRAY	DRYWALL	0.0		
L-23			WALLS	BLACK	DRYWALL	0.0		
L-24			BASEBOARDS	BLACK	VINYL	0.0		
L-25	BASEMENT - BAR AREA		WALLS	BLACK	DRYWALL	0.0		
L-26			WALLS	GRAY	DRYWALL	0.0		
L-27			WALLS	RED	DRYWALL	0.0		
L-28			CEILING	GRAY	DRYWALL	0.0		
L-29	BASEMENT - MEN'S & LADIES ROOM		WALLS	GRAY	CONCRETE	0.2/0.0		
L-30			DOOR	DARK GRAY	METAL	0.0		
L-31			DOOR FRAME	DARK GRAY	METAL	0.0/0.0		
L-32			FLOOR - TILE	GRAY	CERAMIC	0.0		
L-33	BASEMENT - STORAGE (CHAIR)		WALLS	BLUE	DRYWALL	0.0		
L-34	BASEMENT - OFFICE		WALLS	CREAM	DRYWALL	0.0/0.0		
L-35			BASEBOARDS	BLACK	VINYL	0.2/0.2		
L-36	BASEMENT - MANAGEMENT OFFICE		WALLS	WHITE	CONCRETE	0.0/0.0		
L-37			DOOR	BLACK	METAL	0.0		
L-38			DOOR CASING AND JAMB	CREAM	METAL	0.0/0.1		
L-39	BASEMENT - BATHROOM		WALLS	PANEL	WOOD	0.0/0.0		OVER BARE CONCRETE
L-40			FLOOR - TILE	NO ID	CERAMIC	0.0		

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ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

 <p style="font-size: small;">Engineers • Environmental Scientists • Surveyors</p>	CLIENT: SITE: BLDG:	Asylum Dance Club 121 Center Street, Portland, Maine ASYLUM DANCE CLUB - BASEMENT	DATE: CES, INC #: Page:	11/30/2015 11628.001-01 3 OF 3
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XRF #	RMD LPA-1 #3305; ME Rad Lic #31223	CALIBRATION: 1.0 / 1.0 mg/cm ²	Inspector Signature:	Deborah A. Kasik/LR#0003
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FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm ²	CONDITION	NOTES:
L-41	BASEMENT - HALL NEAR MANAGEMENT OFFICE		TRIM	GRAY	WOOD	0.0/0.0		
L42	BASEMENT - OFFICE SPACES		WALLS	CREAM	DRYWALL	0.0/0.0/0.0		
L-43			BASEBOARDS	NO ID	VINYL	0.2/0.0/0.2		
L-44	BASEMENT - BATHROOM AREAS		WALLS	CREAM	DRYWALL	0.0/0.0		

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

 <p>CES INC Engineers • Environmental Scientists • Surveyors</p>	CLIENT: SITE: BLDG:	Asylum Dance Club 121 Center Street, Portland, Maine ASYLUM DANCE CLUB - FIRST FLOOR	DATE: CES, INC #: Page:	11/30/2015 11628.001-01 1 OF 1
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XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm² **Inspector Signature:** *Deborah A. Kasik/LR#0003*

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm ²	CONDITION	NOTES:
L-1	FIRST FLOOR; SPORTS BAR		WALLS - UPPER	WHITE	DRYWALL	0.0		
L-2			WALLS - LOWER	GREEN	DRYWALL	0.0		
L-3			BASEBOARDS	BLACK	VINYL	0.2		
L-4			LALLY SUPPORT COLUMN	YELLOW	METAL	0.0/0.0		
L-5	FIRST FLOOR; HALL OUTSIDE SPORTS BAR		WALLS	GRAY	DRYWALL	0.0/0.0		
L-6			STAIR HANDRAIL	SILVER	METAL	0.0/0.0		
L-7	FIRST FLOOR; NIGHT CLUB		WALLS	DARK GRAY	DRYWALL	0.0/0.0		
L-8			STORAGE WALLS	GRAY	DRYWALL	0.0		
L-9			STORAGE CEILING	WHITE	DRYWALL	0.0		ALCOHOL STORAGE
L-10			DOOR TO STORAGE	GRAY	WOOD	0.0		
L-11	FIRST FLOOR; MEN'S & LADIES ROOM		WALLS - UPPER	GRAY	DRYWALL	0.0		
L-12			WALLS - LOWER	NO ID	CERAMIC	0.0/0.0		
L-13			FLOOR	NO ID	CERAMIC	0.0/0.0		
L-14			ENTRY DOOR	GRAY	METAL	0.2/0.0		
L-15			ENTRY DOOR CASING AND JAMB	GRAY	METAL	0.5/0.3		

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

 <p>CES INC Engineers • Environmental Scientists • Surveyors</p>	CLIENT: SITE: BLDG:	Asylum Dance Club 121 Center Street, Portland, Maine ASYLUM DANCE CLUB - EXTERIOR	DATE: CES, INC #: Page:	11/30/2015 11628.001-01 1 OF 1
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XRF # RMD LPA-1 #3305; ME Rad Lic #31223
 CALIBRATION: 1.0 / 1.0 mg/cm²
 Inspector Signature: *Deborah A. Kasik/LR#0003*

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm ²	CONDITION	NOTES:
L-1	EXTERIOR		SIDING	BARE	BRICK	0.0		
L-2	EXTERIOR		EXIT DOOR	GRAY	METAL	0.2		
L-3	EXTERIOR		PANEL ABOVE EXIT DOOR	NO ID	METAL	0.0		
L-4	EXTERIOR		ART WORK	PURPLE	BRICK	0.0		
L-5	EXTERIOR		ART WORK	BLUE	BRICK	0.0		
L-6	EXTERIOR		ART WORK	RED	BRICK	0.0		
L-7	EXTERIOR		ART WORK	BLACK	BRICK	0.0		
L-8	EXTERIOR		POST IN ALLEY	LT. BLUE	CONCRETE	0.0/0.0		
L-9	EXTERIOR		FRAME AROUND DANCE CLUB DOOR	BROWN	METAL	0.0/0.0		
L-10	EXTERIOR		ART WORK	GRAY	BRICK	0.0		
L-11	EXTERIOR		ART WORK	WHITE	BRICK	0.0		
L-12	EXTERIOR		KITCHEN DOORS	NO ID	METAL	0.0/0.2		
L-13	EXTERIOR		KITCHEN DOOR FRAMES	NO ID	METAL	0.3/0.0/0.0		
L-14	CALIBRATION		NIST STANDARD		WOOD	0.9		
L-15	CALIBRATION		NIST STANDARD		WOOD	1.0		
L-16	CALIBRATION		NIST STANDARD		WOOD	0.9		
L-17	CALIBRATION		NIST STANDARD		WOOD	0.1		
L-18	CALIBRATION		NIST STANDARD		WOOD	0.0		
L-19	CALIBRATION		NIST STANDARD		WOOD	0.0		

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter